

Notice of Allowability	Application No.	Applicant(s)	
	09/904,176	RISING ET AL.	
	Examiner	Art Unit	
	Sana Al-Hashemi	2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 6/17/04.
2. ☒ The allowed claim(s) is/are 1-30 and 33-46.
3. ☒ The drawings filed on 11 July 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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ALFORD KINDRED
PRIMARY EXAMINER

DETAILED ACTION

1. **Claim Status: 1-30 are allowed, and claims 31 and 32 are canceled.**

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Sheryl S. Holloway on November 18, 2004.

The application has been amended as follows:

3. On the specification (page 1 lines 20) after number please insert - - 09865030- - before filed

Please replace Claim 1 with the following:

4. Claim 1 (currently amended): A computer implemented method for executing a group of commands on a content description structure, the content description structure including a plurality of relationally related nodes, in a computing environment comprising the [steps of]:
determining a dependency between commands in the group of commands based on the relationally related plurality of nodes, wherein at least one node is a description that defines

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semantics and syntax for representing a particular feature of content described by the content description structure;

assigning one or more attribute tags to the group of commands, wherein assigning one or more attribute tags comprises if commands in the group of commands are determined to be dependent, assigning a sequential tag to the group of commands and if commands in the group of commands are determined to be independent, assigning a parallel tag to the group of commands;

executing the group of commands according to the one or more attribute tags, wherein executing the group of commands comprises if the group of commands was assigned the sequential tag, executing commands in the group of commands in sequence and if the group of commands was assigned the parallel tag, executing commands in the group of commands in parallel.

5. Cancel claims 31, and 32.

Allowable Subject Matter

6. The following is an examiner's statement of reasons for allowance:

Regarding independent claims 1, 14, 33, 38, 44, and 46, the prior art of record fails to disclose or suggest the claimed provision of: method for executing a group of commands on a content description structure, the content description structure including a plurality of relationally related nodes, in a computing environment by determining a dependency between commands in the group of commands based on the relationally related plurality of nodes, wherein at least one node is a description that defines semantics and syntax for representing a particular feature of content described by the content description structure, and assigning one or more attribute tags to the group of commands, wherein assigning one or more attribute tags comprises if commands in

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the group of commands are determined to be dependent, assigning a sequential tag to the group of commands and if commands in the group of commands are determined to be independent, assigning a parallel tag to the group of commands, combined with the rest of the limitations in the independent claims, is not taught or suggested, or rendered obvious over the prior art of record or that encountered in searching the invention

7. The dependent claims 2-13, 15-30, 34-37, 39-43, and 45 being further limiting to the independent claims, definite and enabled by the Specification are also allowed.

Comments

The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. In no case may an applicant reply outside the SIX (6) MONTH statutory period or obtain an extension for more than FIVE (5) MONTHS beyond the date for reply set forth in an Office action. A fully responsive reply must be timely filed to avoid abandonment of this application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

As allowable subject matter has been indicated, Applicant's response must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CRF 1.111(b) and MPEP section 707.07(a).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Other Prior Art Made of Record

- 1- Ronning et al (Patent Application Publication No. US 2003/0212992) discloses a apparatus and method for using application signatures for the identification of files.
- 2- Wolters Jr. et al. (US Patent No. 5,826,252) discloses a system for managing multiple projects of similar type using dynamically updated global database.
- 3- Marpe et al. (US Patent No. 6,581,039) discloses report searching in a merger and acquisition environment.

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Points of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sana Al-Hashemi whose telephone number is (571) 272-0413. The examiner can normally be reached on Monday - Friday from 8:00 AM to 4:30 PM.. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic, can be reached on (571) 272-0423. Any response to this office action should be mailed to: The Commissioner of Patents and Trademarks, Washington, D.C. 20231. Or telefax at phone number (703) 872-9306. For formal or draft communications, please label "PROSPOSED" or "DRAFT". Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive, 6th Floor Receptionist, Arlington, Virginia. 22202.

Sana Al-Hashemi
Patent Examiner
Technology Center 2100
November 19, 2004